

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A compressor bearing component incorporated into a compressor having a compressor body and a pulley mechanism transmitting a driving force to said compressor body, said bearing component having an austenite grain with a grain size number falling within a range exceeding 10.
2. (Original) A compressor component incorporated into a compressor having a compressor body and a pulley mechanism transmitting a driving force to said compressor body, said component having a fracture stress value of at least 2650 MPa.
3. (Original) A compressor component incorporated into a compressor having a compressor body and a pulley mechanism transmitting a driving force to said compressor body, said component having a hydrogen content of at most 0.5 ppm.
4. (Original) A compressor bearing for use in a compressor having a compressor body and a pulley mechanism transmitting a driving force to said compressor body, wherein
at least one member of a member having a railway surface and a plurality of rolling elements included in said compressor bearing has an austenite grain with a grain size number falling within a range exceeding 10.
5. (Original) The compressor bearing according to claim 4, wherein said compressor bearing is a swash plate support bearing rotatably supporting a swash plate and a rotating member of said compressor body.
6. (Original) The compressor bearing according to claim 5, wherein said swash plate support bearing is a needle roller thrust bearing.

7. (Original) The compressor bearing according to claim 4, wherein said compressor bearing is a rotating member/pulley support member bearing rotatably supporting a rotating member of said compressor body and a pulley bearing support member of said pulley mechanism.

8. (Original) The compressor bearing according to claim 7, wherein said rotating member/pulley support member bearing is a needle roller thrust bearing.

9. (Original) The compressor bearing according to claim 4, wherein said compressor bearing is a main shaft support bearing rotatably supporting a main shaft of said compressor body and a pulley bearing support member of said pulley mechanism.

10. (Original) The compressor bearing according to claim 4, wherein said compressor bearing is a pulley support bearing rotatably supporting a pulley and a pulley bearing support member of said pulley mechanism.

11. (Original) A compressor bearing for use in a compressor having a compressor body and a pulley mechanism transmitting a driving force to said compressor body, wherein

at least one member of a member having a railway surface and a plurality of rolling elements included in said compressor bearing has a fracture stress value of at least 2650 MPa.

12. (Original) The compressor bearing according to claim 11, wherein said compressor bearing is a swash plate support bearing rotatably supporting a swash plate and a rotating member of said compressor body.

13. (Original) The compressor bearing according to claim 12, wherein said swash plate support bearing is a needle roller thrust bearing.

14. (Original) The compressor bearing according to claim 11, wherein said compressor bearing is a rotating member/pulley support member bearing rotatably supporting a rotating member of said compressor body and a pulley bearing support member of said pulley mechanism.

15. (Original) The compressor bearing according to claim 14, wherein said rotating member/pulley support member bearing is a needle roller thrust bearing.

16. (Original) The compressor bearing according to claim 11, wherein said compressor bearing is a main shaft support bearing rotatably supporting a main shaft of said compressor body and a pulley bearing support member of said pulley mechanism.

17. (Original) The compressor bearing according to claim 11, wherein said compressor bearing is a pulley support bearing rotatably supporting a pulley and a pulley bearing support member of said pulley mechanism.

18. (Original) A compressor bearing for use in a compressor having a compressor body and a pulley mechanism transmitting a driving force to said compressor body, wherein at least one member of a member having a railway surface and a plurality of rolling elements included in said compressor bearing has a hydrogen content of at most 0.5 ppm.

19. (Original) The compressor bearing according to claim 18, wherein said compressor bearing is a swash plate support bearing rotatably supporting a swash plate and a rotating member of said compressor body.

20. (Original) The compressor bearing according to claim 19, wherein said swash plate support bearing is a needle roller thrust bearing.

21. (Original) The compressor bearing according to claim 18, wherein said compressor bearing is a rotating member/pulley support member bearing rotatably supporting a rotating member of said compressor body and a pulley bearing support member of said pulley mechanism.

22. (Original) The compressor bearing according to claim 21, wherein said rotating member/pulley support member bearing is a needle roller thrust bearing.

23. (Original) The compressor bearing according to claim 18, wherein said compressor bearing is a main shaft support bearing rotatably supporting a main shaft of said compressor body and a pulley bearing support member of said pulley mechanism.

24. (Original) The compressor bearing according to claim 18, wherein said compressor bearing is a pulley support bearing rotatably supporting a pulley and a pulley bearing support member of said pulley mechanism.